

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference 2335 - 0009 . 40	FOR FURTHER ACTION see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, item 5 below.	
International application No. PCT/ US 03/ 16408	International filing date (day/month/year) 23/05/2003	(Earliest) Priority Date (day/month/year) 24/05/2002
Applicant CORIUM INTERNATIONAL		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 5 sheets.

☐ It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

- a. With regard to the **language**, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ the international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

- b. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, the international search was carried out on the basis of the sequence listing :

☐ contained in the international application in written form.

☐ filed together with the international application in computer readable form.

☐ furnished subsequently to this Authority in written form.

☐ furnished subsequently to this Authority in computer readable form.

☐ the statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.

☐ the statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished

2. ☐ Certain claims were found unsearchable (See Box I).

3. ☒ Unity of invention is lacking (see Box II).

4. With regard to the **title**,

☐ the text is approved as submitted by the applicant.

☒ the text has been established by this Authority to read as follows:

SKIN ADHESIVE FOR CUSHIONS AND WOUND DRESSINGS

5. With regard to the **abstract**,

☒ the text is approved as submitted by the applicant.

☐ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box III. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. The figure of the **drawings** to be published with the abstract is Figure No.

☒ as suggested by the applicant.

☐ because the applicant failed to suggest a figure.

☐ because this figure better characterizes the invention.

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☐ None of the figures.

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 A61L15/58 A61L24/04		
According to International Patent Classification (IPC) or to both national classification and IPC		
B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) IPC 7 A61L A61K		
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched		
Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal, WPI Data, PAJ		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 830 932 A (KAY DENNIS M) 3 November 1998 (1998-11-03) column 16, line 10 - column 17, line 61 claims	1,42,54, 76,90,99
X	WO 99 54422 A (COLOPLAST AS ; NIELSEN ANDERS CHRISTIAN (DK); NIELSEN INGER MANN (DK)) 28 October 1999 (1999-10-28) the whole document	1,42,54, 76,90,99
X	US 5 492 943 A (STEMPEL EMIL) 20 February 1996 (1996-02-20) examples claims	1,42,54, 76,90,99
<div style="display: flex; justify-content: space-between;"> <input type="checkbox"/> Further documents are listed in the continuation of box C. <input checked="" type="checkbox"/> Patent family members are listed in annex. </div>		
* Special categories of cited documents : <div style="display: flex; justify-content: space-between;"> <div style="width: 48%;"> <p>"A" document defining the general state of the art which is not considered to be of particular relevance</p> <p>"E" earlier document but published on or after the international filing date</p> <p>"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)</p> <p>"O" document referring to an oral disclosure, use, exhibition or other means</p> <p>"P" document published prior to the international filing date, but later than the priority date claimed</p> </div> <div style="width: 48%;"> <p>"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention</p> <p>"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone</p> <p>"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art</p> <p>"&" document member of the same patent family</p> </div> </div>		
Date of the actual completion of the international search <div style="text-align: center; font-size: 1.2em;">22 September 2003</div>		Date of mailing of the international search report <div style="text-align: center; font-size: 1.2em;">08. 12. 03</div>
Name and mailing address of the ISA: European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo.nl, Fax: (+31-70) 340-3016		Authorized officer: <div style="text-align: center; font-size: 1.2em;">Muñoz, M.</div>

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 5830932	A	03-11-1998	US 5827247 A	27-10-1998
			US 5263947 A	23-11-1993
			AU 1290295 A	13-06-1995
			CA 2177158 A1	01-06-1995
			EP 0730437 A1	11-09-1996
			WO 9514448 A2	01-06-1995
			AT 160928 T	15-12-1997
			AU 2496092 A	16-03-1993
			CA 2115757 A1	04-03-1993
			DE 69223517 D1	22-01-1998
			DE 69223517 T2	16-07-1998
			DK 599995 T3	24-08-1998
			EP 0599995 A1	08-06-1994
			ES 2114567 T3	01-06-1998
			JP 6509956 T	10-11-1994
			WO 9303690 A1	04-03-1993

WO 9954422	A	28-10-1999	AU 762202 B2	19-06-2003
			AU 3327199 A	08-11-1999
			BR 9909770 A	19-12-2000
			CA 2329726 A1	28-10-1999
			CN 1298432 T	06-06-2001
			WO 9954422 A1	28-10-1999
			EP 1086189 A1	28-03-2001
			JP 2002512295 T	23-04-2002
			US 6458886 B1	01-10-2002

US 5492943	A	20-02-1996	AU 1796295 A	04-01-1996
			JP 2947728 B2	13-09-1999
			JP 8000722 A	09-01-1996
			NZ 272236 A	26-04-1996

Box I Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:
2. ☐ Claims Nos.:
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box II Observations where unity of invention is lacking (Continuation of item 2 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

see additional sheet

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☒ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

1-98

Remark on Protest:

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-98

skin contacting adhesive comprised of a hydrophobic phase and a hydrophilic phase were;

-the hydrophobic phase comprises a hydrophobic polymer, an elastomeric plasticizer and a tackifying resin.

-The hydrophilic phase comprises a low molecular weight cellulose derived polymer or a naturally occurring polysaccharide, a high molecular weight cellulose derived polymer and reinforcing clay particles.

2. claim: 99

skin contacting adhesive comprised of a hydrophobic phase and a hydrophilic phase where;

-The hydrophilic phase comprises spherical solid droplets comprised of a low molecular weight cellulose derived polymer or of a naturally occurring polysaccharide, a fibers comprised of a liquid crystalline high molecular weight cellulose derived polymer and ordered particles of clay.
